

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
11 March 2004 (11.03.2004)

PCT

(10) International Publication Number
WO 2004/020096 A1

- (51) International Patent Classification⁷: **B01L 3/02** [PL/PL]; ul. Raclawicka 4 m. 28, PL-02-739 Warszawa (PL).
- (21) International Application Number: PCT/PL2003/000023
- (22) International Filing Date: 17 March 2003 (17.03.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
P.355728 27 August 2002 (27.08.2002) PL
P.357148 15 November 2002 (15.11.2002) PL
- (71) Applicant (for all designated States except US): **PZ HTL SPÓŁKA AKCYJNA** [PL/PL]; ul. Daniszewska 4, PL 03-230 Warszawa (PL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **CZERNECKI, Andrzej** [PL/PL]; ul. Zakopianska 10, PL-03-934 Warszawa (PL). **JANKOWSKI, Andrzej** [PL/PL]; ul. Sucharskiego 4 m. 74, PL-01-390 Warszawa (PL). **SARNA, Wojciech**
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF PIPETTE CALIBRATION

(57) **Abstract:** In the method of pipette calibration, the volume of liquid to be aspirated is manually set by turning in and out the adjustment screw regulating the length of the operational stroke of the plunger inside the shaft, the position of the adjustment screw is detected, and a signal corresponding to the position of the adjustment screw is sent to the pipette electronic system, and next the signal corresponding to the position of the adjustment screw is compared with values of points from the aspiration table or values of the aspiration function, which has been earlier input to the memory of the electronic system correspondingly as the standard aspiration table or aspiration function for the pipette, and next to the position of the adjustment screw, the value of the aspirated liquid volume is assigned, and displayed on the display.